

View Online at <https://aerobasegroup.com/nsn/5905-00-806-1895>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

1.8750 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

1.219 inches

**Undercut Diameter:**

1.870 inches

**Undercut Width:**

0.0780 inches

**Body Diameter:**

1.937 inches

**Angle Of Mounting Hole In Deg:**

30.0

**Angle Between Centerlines Of Mounting Holes In Deg:**

12.0

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

0.219 inches

**Body Length:**

1.000 inches

**Overall Diameter:**

1.937 inches

**Mounting Lip Diameter:**

2.0000 inches

**Mounting Lip Depth:**

0.0930 inches

**Mounting Hole/stud Circle Diameter:**

1.250 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

**Effective Electrical Rotation In Deg Angular Rotation:**

320.0

**Maximum Starting Torque:**

0.60 inch-ounces

**Maximum Running Torque:**

0.50 inch-ounces

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.005 inches

**Fragility Factor:**

Rugged

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

20.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.80/+0.80 single section

**Ambient Temperature In Deg Celsius Per Section At Zero Percent Rated Power:**

80.0 single section

**Power Dissipation Rating Per Section In Watts:**

4.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-1.0/+1.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

Single section linear

**Temperature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:**

-20.0/+20.0 single section

**Ambient Temperature In Deg Celsius Per Section At Full Rated Power:**

25.0 single section

**Terminal Type And Quantity:**

3 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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